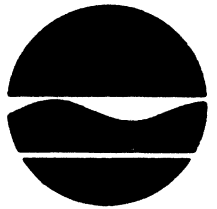


New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233-0001



Henry G. Williams
Commissioner

October 27, 1983

Mr. Melvin J. Weiss
USDA, Forest Service
Concord-Mast Road
P.O. Box 640
Durham, NH 03824

Dear Mel:

Attached are maps and forms for the 1983 insect and disease conditions report. We do not have data on spruce budworm damage, if any.

Questions on this report should be directed to Michael J. Birmingham.

Sincerely,

Daniel W. Weller, Chief
Bureau of Forest Resource Management

Att.

1983 PEST CONDITIONS REPORT WORK SHEET

PEST: (COMMON NAME) beech bark scale/nectria
(SPECIFIC NAME) Cryptocoecus fagi and Nectria coecinea var. faginata

HOST: American beech

PRESENT CONDITION:

AREA: 90,945 acres

LOCATION: Central Adirondacks and St. Lawrence River Valley Regions

SEVERITY: (SPECIFIC MEASUREMENTS OR ESTIMATES)

48,985 acres with 30 to 59 percent of beech dead
41,960 acres with 60 to 100 percent of beech dead
LOSSES: (BEST ESTIMATES OF VOLUME AND/OR \$)

105 MMBF

TREND:

PAST TO PRESENT: increasing

FUTURE: decreasing - volume of trees killed with decrease in above areas

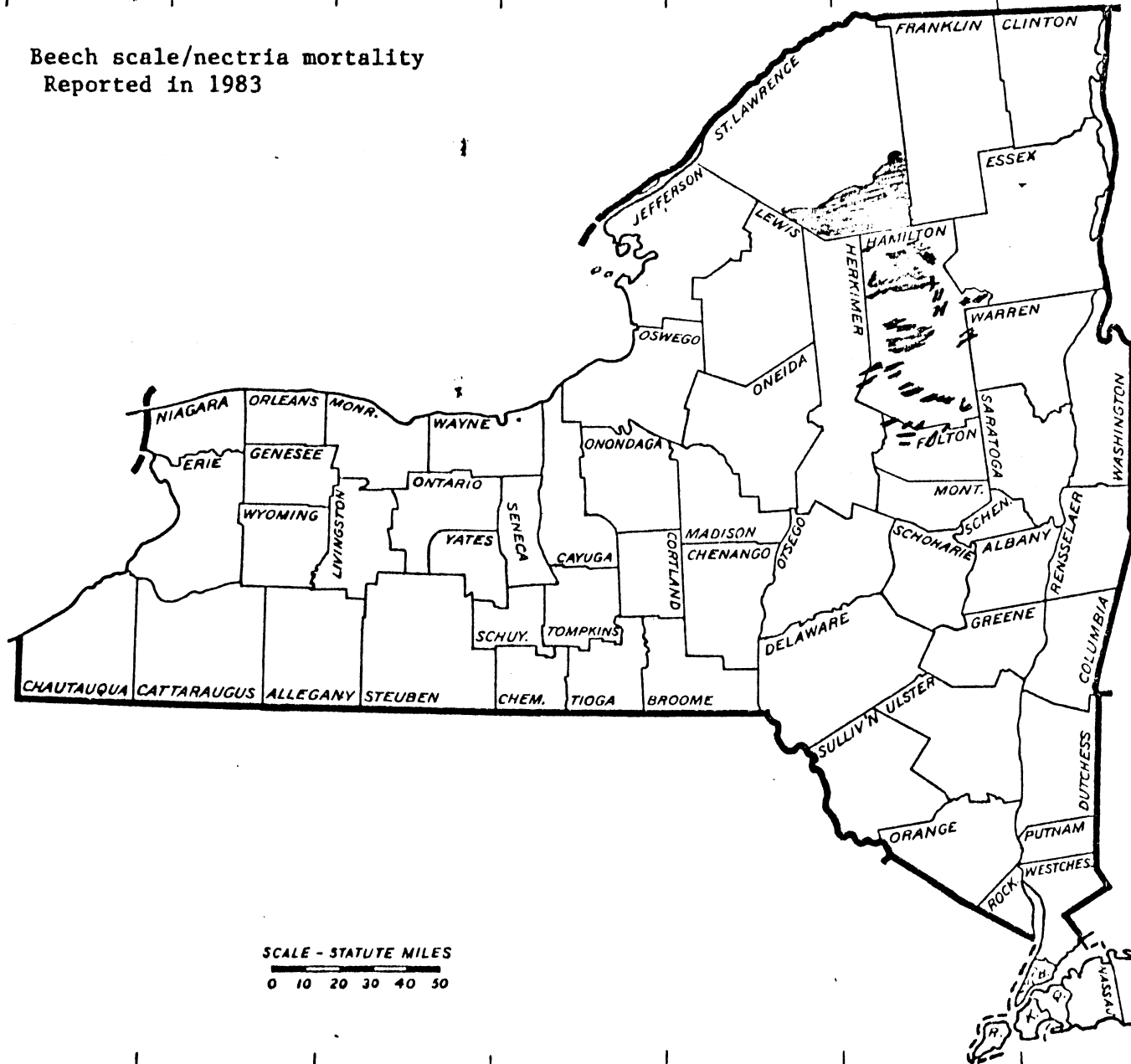
CONTROL PROJECTS (METHOD, MATERIAL, ACRES, RESULTS)

None.

COMMENTS: Other areas of New York State than those reported above have extensive beech mortality from the beech scale/nectria. Current data on the same is not available for the whole state.

NEW YORK

Beech scale/nectria mortality
Reported in 1983



SCALE - STATUTE MILES
0 10 20 30 40 50

1983 PEST CONDITIONS REPORT WORK SHEET

PEST: (COMMON NAME) Cherry scallop shell moth
(SPECIFIC NAME) Calocalpe undulata

HOST: Black Cherry

PRESENT CONDITION:

AREA: 3,475 acres

LOCATION: Southwestern New York region and Oneida County

SEVERITY: (SPECIFIC MEASUREMENTS OR ESTIMATES)
400 acres of 30 to 59 percent defoliation
3,075 acres of 60 to 100 percent defoliation

LOSSES: (BEST ESTIMATES OF VOLUME AND/OR \$)

\$95,325

TREND:

PAST TO PRESENT: Stable

FUTURE: Unknown

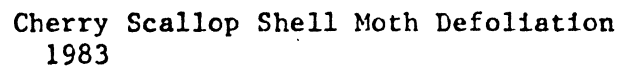
CONTROL PROJECTS (METHOD, MATERIAL, ACRES, RESULTS)

None

COMMENTS:

Above areas only ones reporting cherry scallop shell moth.

NEWARK



1983 PEST CONDITIONS REPORT WORK SHEET

PEST: (COMMON NAME) Eastern larch beetle
(SPECIFIC NAME) Dendroctonus simplex

HOST: eastern larch, Jarix laricina

PRESENT CONDITION:

AREA: 11,800 acres

LOCATION: Hamilton and Fulton Counties

SEVERITY: (SPECIFIC MEASUREMENTS OR ESTIMATES)
8,555 acres with 30 to 59 percent damage.
3,245 acres with 60 to 100 percent damage.

LOSSES: (BEST ESTIMATES OF VOLUME AND/OR \$)

128,325 stdn. cords

TREND:

PAST TO PRESENT: unknown

FUTURE: unknown

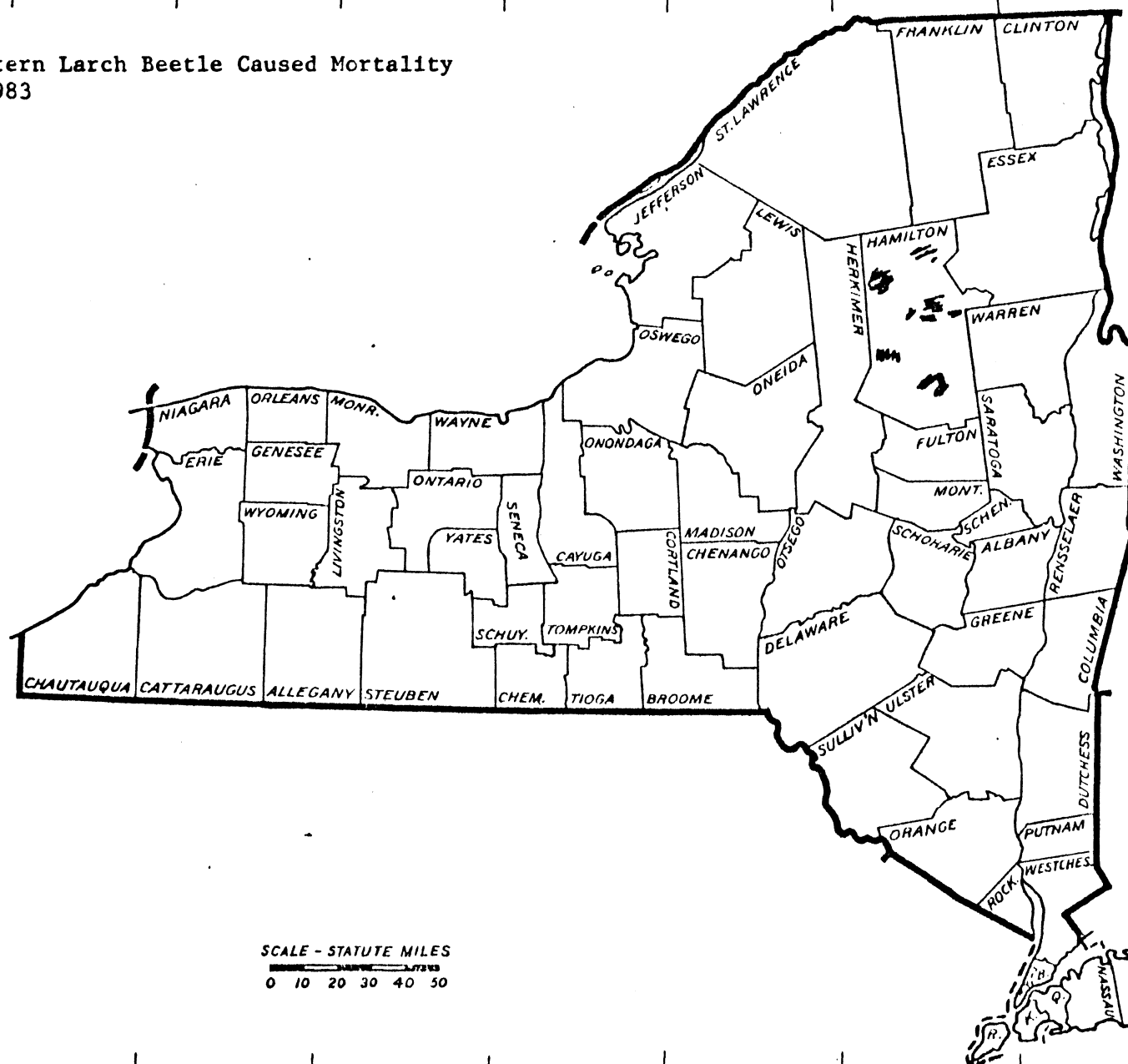
CONTROL PROJECTS (METHOD, MATERIAL, ACRES, RESULTS)

None

COMMENTS:

Bulk of dead and dying trees occur on Forest Preserve lands
where tree cutting is prohibited.

Eastern Larch Beetle Caused Mortality
1983



SCALE - STATUTE MILES
0 10 20 30 40 50

1983 PEST CONDITIONS REPORT WORK SHEET

PEST: (COMMON NAME)
(SPECIFIC NAME) Eastern spruce bark beetle and unknown causes

HOST: Red spruce, Balsam fir, Tamarack

PRESENT CONDITION:

AREA: 91,095 acres

LOCATION: eastern, western, northern Adirondack regions and
St. Lawrence River Valley region.

SEVERITY: (SPECIFIC MEASUREMENTS OR ESTIMATES)

Red spruce & Tamarack mortality totaling 13,475 acres.

Red spruce & Balsam fir mortality totaling 40,300 acres.

→ Red spruce dieback and decline totaling 37,320 acres

LOSSES: (BEST ESTIMATES OF VOLUME AND/OR \$)

403,000 stdn. cords of spruce and Balsam fir

116,750 stdn. cords of spruce and Tamarack

→ 102,540 stdn. cords of spruce
TREND:

PAST TO PRESENT: Increasing

FUTURE: Increasing

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, RESULTS)

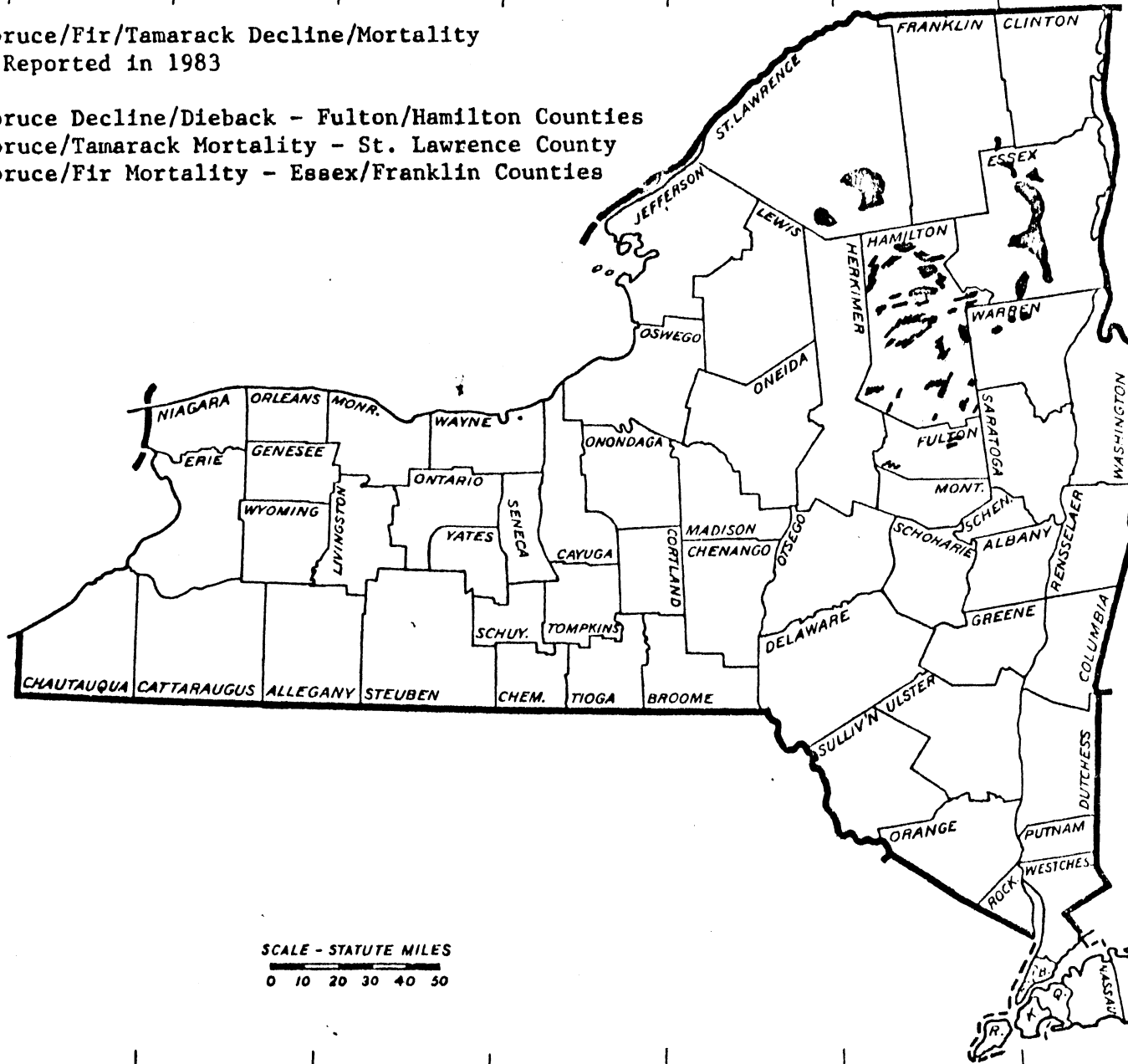
None

COMMENTS: A dollar value should not be placed on spruce/Tamarack and spruce losses above, for they occur largely on Forest Preserve where tree harvesting is prohibited. Losses are believed to reflect 1983 mortality and prior recent years.

NEW YORK

Spruce/Fir/Tamarack Decline/Mortality
Reported in 1983

Spruce Decline/Dieback - Fulton/Hamilton Counties
Spruce/Tamarack Mortality - St. Lawrence County
Spruce/Fir Mortality - Essex/Franklin Counties



1983 PEST CONDITIONS REPORT WORK SHEET

PEST: (COMMON NAME) Forest Tent Caterpillar
(SPECIFIC NAME) Malacosoma disstria

HOST: Wide variety of hardwoods

PRESENT CONDITION:

AREA: 25,520 acres

LOCATION: Delaware River Valley and south central Adirondack Region.

SEVERITY: (SPECIFIC MEASUREMENTS OR ESTIMATES)
1,400 acres defoliated between 30 and 59 percent
20,620 acres defoliated between 60 and 100 percent
3,500 acres of tree mortality
LOSSES: (BEST ESTIMATES OF VOLUME AND/OR \$)

\$245,000 or 3.5 MMBF

TREND:

PAST TO PRESENT: Up

FUTURE: Down

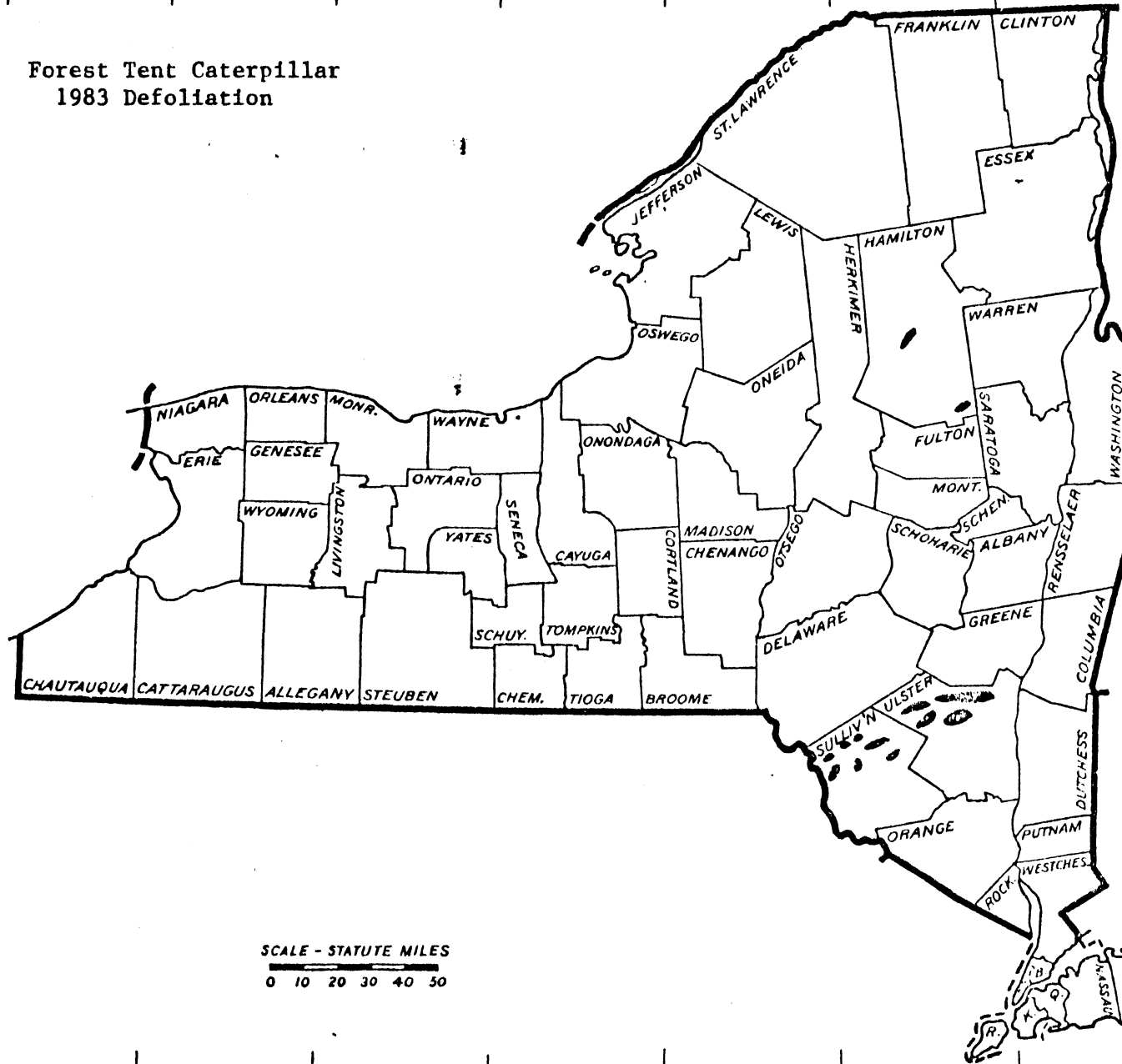
CONTROL PROJECTS (METHOD, MATERIAL, ACRES, RESULTS)

None

COMMENTS: Major tree mortality, not reported here, occurred in Delaware County in 1980 to 1982. This mortality, totaling about 200,000 acres, occurred at locations where forest tent caterpillar defoliated.

NEW YORK

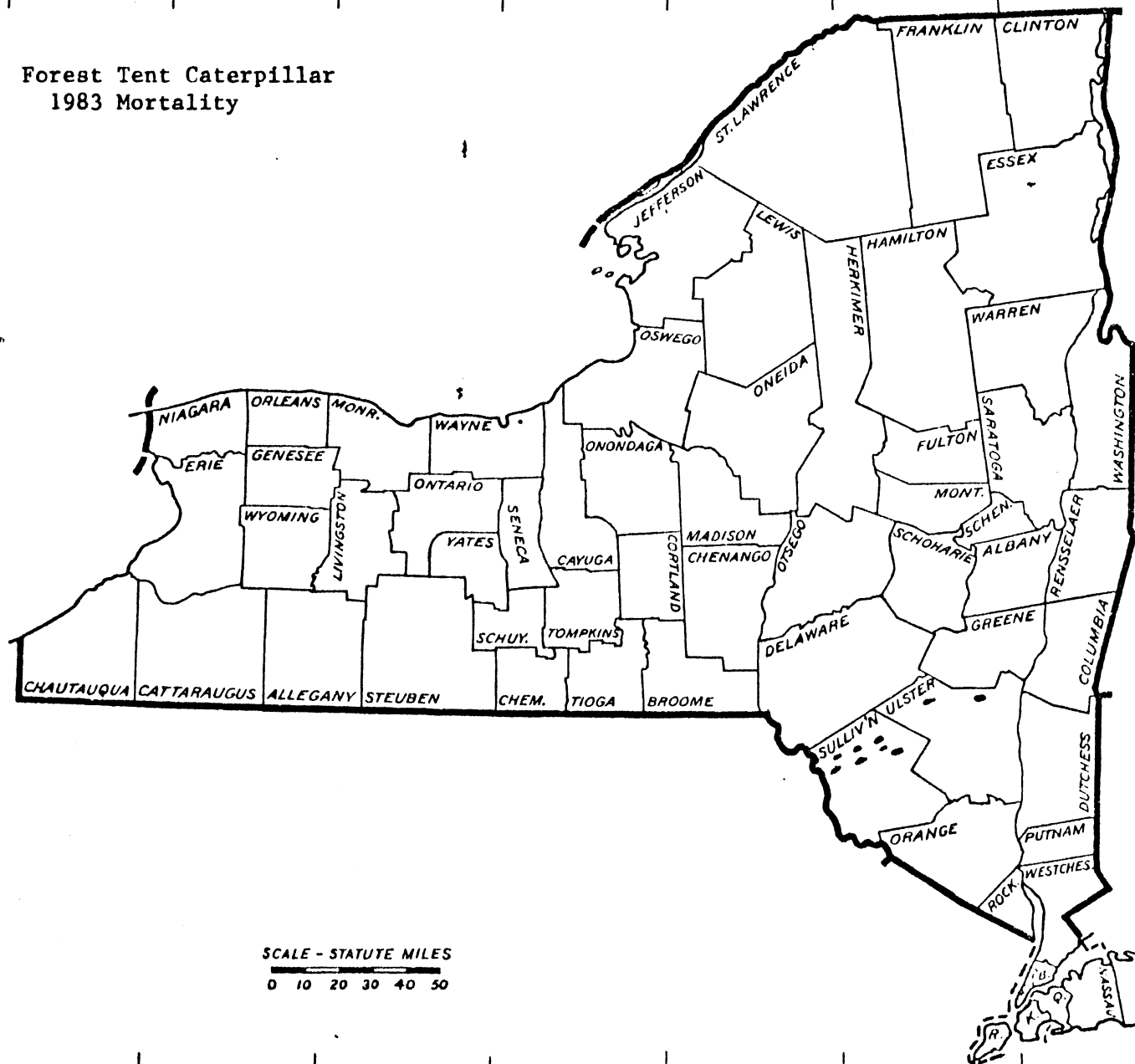
Forest Tent Caterpillar 1983 Defoliation



SCALE - STATUTE MILES
0 10 20 30 40 50

NEW YORK

Forest Tent Caterpillar 1983 Mortality



1983 PEST CONDITIONS REPORT WORK SHEET

PEST: (COMMON NAME) Larch sawfly
(SPECIFIC NAME) Pristiphora erichsonii

HOST: Tamarack and planted species of larch

PRESENT CONDITION:

AREA: 1,025 acres

LOCATION: central and northern Adirondacks and Herkimer County

SEVERITY: (SPECIFIC MEASUREMENTS OR ESTIMATES)

930 acres with 30 to 59 percent defoliation

95 acres with 60 to 100 percent defoliation

LOSSES: (BEST ESTIMATES OF VOLUME AND/OR \$)

9,500 MBF

TREND:

PAST TO PRESENT: unknown

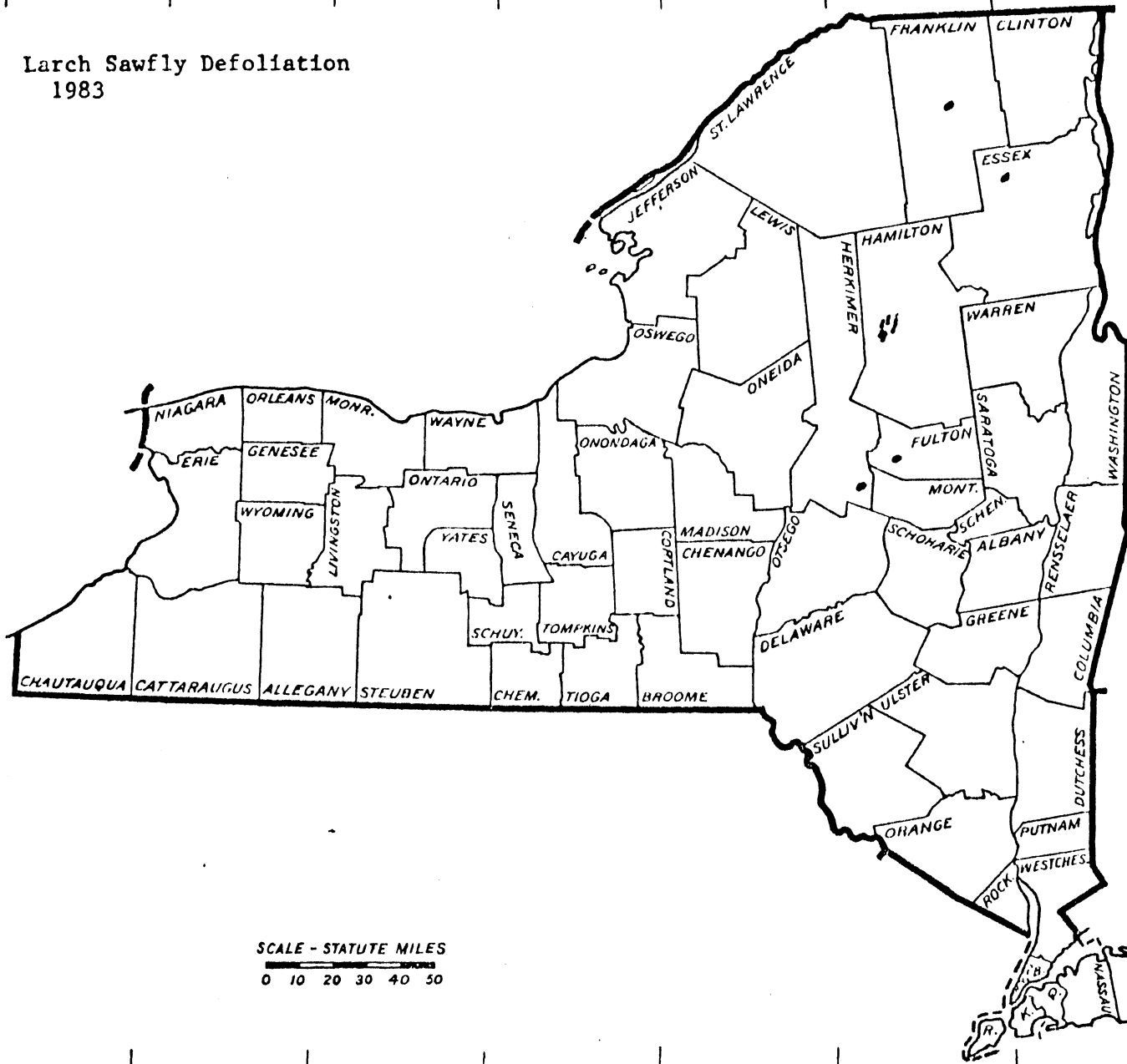
FUTURE: unknown

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, RESULTS)

None

COMMENTS: Larch sawfly is a recurring problem in areas of New York State which are not reported on above.

Larch Sawfly Defoliation
1983



SCALE - STATUTE MILES
0 10 20 30 40 50

STATE OF NEW YORK
DEPARTMENT OF AGRICULTURE AND MARKETS

I, JOSEPH GERACE, Commissioner of Agriculture and Markets of the State of New York, pursuant to the authority conferred upon me by Section 18, subdivision 6; Section 164, subdivisions 1 and 3; and Section 167, subdivisions 1, 2, and 3 of the Agriculture and Markets Law, dispense with the regular notice requirements of the New York State Administrative Procedure Act and adopt this as an emergency measure to prevent the spread of the disease known as the Scleroderris Canker to unquarantined areas in the State of New York, to read as follows:

165 towns

130.2 Quarantined area. The following counties, cities or towns, or parts thereof, of the State of New York are declared to be quarantined areas:

(a) The cities and towns of:

CLINTON COUNTY

Ausable
Black Brook
Clinton
Dannemora
Ellenburg
Peru
Plattsburgh, city
Plattsburgh, town
Saranac
Schuyler Falls

FULTON COUNTY

Bleeker
Caroga
Ephratah
Gloversville, city
Johnstown, city
Johnstown, town
Mayfield
Oppenheim
Stratford

ESSEX COUNTY

Crown Point
Elizabethtown
Jay
Keene
Lewis
Minerva
Moriah
Newcomb
North Elba
North Hudson
St. Armand
Schroon
Ticonderoga
Westport
Wilmington

HAMILTON COUNTY

Arietta
Benson
Hope
Indian Lake
Inlet
Lake Pleasant
Long Lake
Morehouse
Wells

HERKIMER COUNTY

Fairfield
Herkimer
Little Falls (north of the
Mohawk River)
Little Falls, city (north
of the Mohawk River)
Manheim
Newport
Norway
Ohio
Russia
Salisbury
Schuyler
Webb

JEFFERSON COUNTY

Adams
Antwerp
Champion
Ellisburg
Le Roy
Lorraine
Pamelia
Philadephia
Rodman
Rutland
Watertown
Watertown, city
Wilna
Worth

OSWEGO COUNTY

Albion
Amboy
Boylston
Constantia
Orwell
Parish
Redfield
Richland
Sandy Creek
Williamstown

ST. LAWRENCE COUNTY

Brasher
Canton
Clare
Clifton
Colton
Edwards
Fine
Fowler
Hermon
Hopkinton
Lawrence
Madrid
Norfolk
Parishville
Piercefield
Pierrepont
Pitcairn
Potsdam
Russell
Stockholm

76

ONEIDA COUNTY

Annsville
Ava
Boonville
Camden
Deerfield
Florence
Floyd
Forestport
Lee
Marcy
Remsen
Rome, city
Steuben
Trenton
Utica, city
Vienna
Western

SARATOGA COUNTY

Saratoga Springs, city

WARREN COUNTY

Bolton
Chester
Hague
Horicon
Johnsburg
Thurman
Warrensburg

(b) The counties of:

- (1) Franklin; and
- (2) Lewis.

This amendment shall take effect immediately.



JOSEPH GERACE

Commissioner of Agriculture and
Markets of the State of New York

Dated and Sealed at the
City of Albany, New York,
this 11th day of October, 1983.

I hereby certify, pursuant to the requirements of the Executive Law and the State Administrative Procedure Act of the State of New York, that the foregoing is the original of the promulgation of amendments to Part 130, Section 130.2, of Title 1 of the Official Compilation of Codes, Rules and Regulations of the State of New York, imposing the Scleroderris Canker quarantine, adopted pursuant to the authority of Sections 18(6), 164(1) and (3), and 167(1), (2), and (3) of the Agriculture and Markets Law. This order was adopted as an emergency measure pursuant to Section 202(2)(c) of the New York State Administrative Procedure Act to prevent the spread of Scleroderris Canker disease and, thus, there was no publication of a prior notice in the New York State Register. No other public notice of this amendment is required by statute.



JOSEPH GERACE
Commissioner of Agriculture and
Markets of the State of New York

Dated at the City of
Albany, New York, this
11 day of October, 1983.